LAW SECRETARIAT.

Appoints Mr. R. P. Rajanna as a member of the Standing Committee for Railway, Public Works and Electrical Departments.

READ—

1. Government Order No. Rl. 42-53—R. A. 2-39-1, dated 20th July 1939, constituting the three Standing Committees for the year 1939-40, and appointing among other persons, Mr. R. B. Siddabasavaradhya, Municipal Vice-President, Chintamani and Member, Mysore Representative Assembly, as a member of the Standing Committee for Railway, Public Works and Electrical Departments.

2. Letter No. L. Dis. A. 3. C. 212—39-40, dated 24th July 1939, from the Deputy Commissioner, Kolar District, reporting the death of Mr. R. B. Siddabasavaradhya, Member, Mysore Representative Assembly, Chintamani.

ORDER NO. RL. 69-81—R. A. 2-39-2, DATED BANGALORE, THE 4TH AUGUST 1939.

The Government of His Highness the Maharaja are pleased to direct that Mr. R. P. Rajanna, Landholder and Member, Mysore Representative Assembly, Goribidnur, be appointed as a member of the Standing Committee for Railway, Public Works and Electrical Departments in the vacancy caused by the death of Mr. R. B. Siddabasavaradhya.

C. SUBRAHMANYA AIYAR,
Secretary to Government,
Law Department.

ELECTRICAL SECRETARIAT.

Adoption of the Standard Frequency of 50 Cycles.

READ—

Government Order No. E. D. S. 205-7, dated 4th August 1937, conveying administrative sanction to prepare estimates, etc., in connection with the Jog Falls Hydro-Electric Scheme.

2. Proceedings of the Meetings of the Hydro-Electric Schemes Committee held on the 10th and 29th November 1938 in *re* question of frequency to be adopted and other matters.

3. Letter No. 2717, dated the 12th May 1939, addressed to the Publicity Officer, Mysore Government, forwarding, for giving publicity, a copy of English Notification stating that the frequency for the Jog Project might be 25 or 50 and that consumers should purchase electrical equipment which might be suitable for both 25 and 50 cycles supply.

ORDER NO. E. D. S. 252-315, DATED BANGALORE, THE 3RD AUGUST 1939.

The main electric power supply of Mysore is alternating current, the frequency of which is 25 cycles per second. This is however converted into 60 cycles for all domestic supplies in Bangalore and Mysore Cities. These frequencies were adopted many years ago when the Cauvery Falls were first harnessed at Sivasamudram for power generation.

2. In recent years, there has been a movement in practically every country in the World to standardise one frequency only. As the lower frequencies such as 25 when used for lighting, produce a flicker which is injurious to the eye, the tendency is for the standard frequency to be either 50 or 60. In Europe, the standard frequency is generally 50 cycles. This is also the standard frequency adopted in the adjoining Provinces of Madras, Bombay and elsewhere in India.

3. The question of abandoning the existing frequencies in Mysore in favour of the standard Indian frequency of 50, has been engaging the attention of Government for some time past. It is estimated that by the adoption of this frequency for the Jog Scheme, there will be a saving which in a comparative short time will pay for the cost of conversion in the rest of the State, and thereafter, there would

be an annual saving to Government and consumers from $2\frac{1}{2}$ to 5 lakhs of rupees. Government, after carefully considering all the aspects of the case, are pleased to order—

(1) that 50 cycle frequency be adopted for generating power at the New Jog Hydro-Electric Station;
(2) that the rest of the State excluding the Kolar Gold Fields area be converted from 25 cycles to 50 cycles at a later date;
(3) that manufacturers and consumers be informed that the standard frequency in the North-West of the State will be 50 cycles from about 1942, when the Jog Scheme is expected to come into operation, and that the rest of the system will be converted from 25 to 50 cycles any time between 1942 and 1950.

H. N. COLAM,
Secretary to Government,
Electrical Department.

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